DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled A PROCESS FOR MAKING GRADIENT MATERIALS, which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s)and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and hereby certify that the Government of the United States has the irrevocable right to prosecute this application:

John L. Forrest, Jr., Reg. No. 29,378; Jacob Shuster, Reg. No. 19,660; Howard Kaiser, Reg. No. 31,381; Mark Homer, Reg. No. 41,848; Stephan T. Hunnius, Reg. No. 48,304

SEND CORRESPONDENCE TO:

Office of Counsel Code OC4

Direct Telephone Calls to:

Naval Surface Warfare Center

Indian Head Division 101 Strauss Ave., Bldg. D-31 Mark Homer (301) 744-5603

Indian Head, MD 20640-5035

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Full name of sole or first inventor. Frederick Mitchell Gallant Inventor's Signature Residence: Waldorf, Maryland | Date _ | 3/22/04 |
|---|--------|---------|
| Citizenship: United States of America | | |
| Post Office Address: 11640 Cygnet Dr. Waldorf, Md. 20601 | | |
| Full name of second inventor: Hugh Alan Bruck Inventor's Signature Residence: Wheaton, Maryland Citizenship: United States of America Post Office Address: 111 Claybrook Dr. Wheaton, Md. 20902 | Date _ | 3/17/04 |
| Full name of third inventor: David I. Bigio Inventor's Signature Residence: Rockville, Maryland Citizenship: United States of America Post Office Address: 4856 Sweetbirch Dr. Rockville, Md. 20853 | Date _ | 3/17/04 |